

GenCore version 4.5
Copyright (c) 1993 - 2000 CompuGen Ltd.

Interest and Influence

OM protein - protein search, using sw model
Run on: June 26, 2001, 16:30:29 ; Search time 57.86 Seconds
(without alignments)
209,554 Million cell updates/sec
Copyright (c) 1993 - 2000 Compugen Ltd.
GenCor version 4.5

Scoring table: BLOSUM62
 Title: US-9-48-649-A-2
 Perfect score: 1004
 Sequence: 1 MGRALNRLAARRGGQPPTEL.....LDSPKSYNHWAVTKEGQVVRN 2000
 Gappen 10.0 , Gapext 0.5

searched: 412676 seqs, 60623988 residues
Total number of hits satisfying chosen parameters: 412676
Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Maximum Match 100%

Database :
 ^ generic 0601:*

Maximum match 1000
Listing first 45 summaries

```
database : R_Geneseq_0001;
1: /SIDS8/gcdata/geneseq/0001;
2: /SIDS8/gcdata/geneseq/0002;
3: /SIDS8/gcdata/geneseq/0003;
```

```
3: /$IDS8/gcadata/geneseq
4: /$IDS8/gcadata/geneseq
5: /$IDS8/gcadata/geneseq
6: /$IDS8/gcadata/geneseq
```

6: /SIDS8/gcggdata/geneseq/6:
7: /SIDS8/gcggdata/geneseq/7:
8: /SIDS8/gcggdata/geneseq/8:

```
9: /SIDS8/gcgdata/geneseq/9
10: /SIDS8/gcgdata/geneseq
11: /SIDS8/gcgdata/geneseq
12: /SIDS8/gcgdata/geneseq
```

```
12: /SIDS8/gcgdata/geneseq
13: /SIDS8/gcgdata/geneseq
14: /SIDS8/gcgdata/geneseq
```

```
15: /SIDS8/gcqdata/geneseq,
16: /SIDS8/gcqdata/geneseq,
17: /SIDS8/gcqdata/geneseq,
```

```
18: /SIBS8/gcadata/geneseq
19: /SIBS8/gcadata/geneseq,
20: /SIBS8/gcadata/geneseq,
```

21: /SIDS8/gcgdata/geneseq,
22: /SIDS8/gcgdata/geneseq,

pred. No. is the number of results predicted to have a score greater than or equal to the score and is derived by analysis of the total

SUMMARY

Result Query

No.	Score	Match	Length	DB	ID
-----	-------	-------	--------	----	----

1	1004	100.0	200	21	AAV69370
2	904	90.0	200	21	AAV69372
3	687	68.4	205	21	AAV69371

4	135	13.4	41	21	AY69373
5	135	13.4	41	21	AY69375
6	126	12.5	1299	21	AY58633

7	125	12.5	176	21	AAG07955
8	125	12.5	176	21	AAG48183
9	125	12.5	176	21	AAG48204

10	125	12.5	195	21	AAG07954
11	125	12.5	195	21	AAG48182

SUMMARIES

RESULT	1
ID	AAV69370
	AAV69370 standard; Protein: 200 AA.
XX	
AC	AAV69370;
XX	
DT	19-JUN-2000 (first entry)
XX	
DE	5'-OT EST (oxytoxin expressed sequence tag) protein.
XX	
KW	oxytoxin expressed sequence tag; 5'-OT EST; obesity; fertility; male; transgenic animal; human; late onset; obesity; late onset visceral obesity; male; infertility; wasting; anorexia; cachexia; malabsorptive state; estabolic state; inflammatory condition; Crohn's disease; AIDS wasting; burn; cancer; bone disease.
XX	
OS	Rattus sp.
XX	
PN	W020009586-A1.

ALIGNMENTS

PT New anti-obesity polypeptide useful for treating obesity or infertility

PT in mammals

XX

PS

XX

CC

